

03



Advantages of SONOREX compact baths

Tangible arguments for an ultrasonic bath from BANDELIN.

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SONOREX SUPER RK

The most important features of operation and functions.

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SONOREX DIGITEC DT

The most important features of operation and functions.

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SONOREX DIGIPLUS DL

The most important features of operation and functions.

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SONOREX model variants in comparison

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SONOREX bath sizes and technical data

Overview of the device series SUPER RK / DIGITEC DT / DIGIPLUS DL

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SONOREX accessories and configuration examples

Combine our accessories exactly for your applications.

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Advantages of SONOREX compact baths at a glance



SONOREX SUPER RK 102 H



SONOREX DIGITEC DT 102 H



SONOREX DIGIPLUS DL 102 H

Long lasting design

- Compact, easy-care stainless steel housing
- oscillating tank:
 - made of stainless steel AISI 304 (drawn)
- SONOREX RK/DT/DL 102 H:
 - additionally hard-chrome plated
- partly stainless steel AISI 304 (welded),
- 2 mm material thickness
- High-performance oscillating systems, manufactured with highly stable ceramic piezoelectric materials
- Made in Germany



MADE IN
GERMANY



Rounded tank corners

On the sides and bottom; facilitate cleaning of the oscillating tank. For hygienic handling of the ultrasonic bath.



Filling mark level

As an easily recognisable embossing for the minimum filling level of the cleaning liquid; facilitates filling.

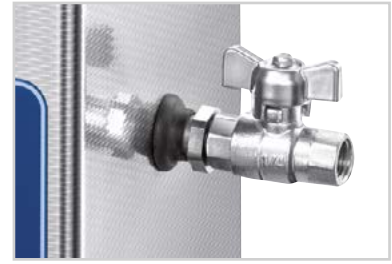




Welded outlet

With ball valve for emptying the ultrasonic bath (from RK/DT/DL 102 H).

The outlet bend is welded to the bottom of the tank and not screwed. This prevents leaks in the appliance and makes cleaning easier.



Fixed power cable

In contrast to the usual plugged-in mains cables, these are permanently installed in SONOREX ultrasonic baths. This eliminates the risk of liquid penetration at this connection and the associated risk of a short circuit.



Device feet (plastic)

For secure standing on any surface.



Handles

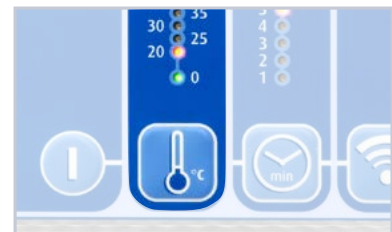
For easy and safe handling (excluding RK/DT 31, RK/DT 52, RK/DT 100, RK/DT 103 H, RK/DT 106, RK/DT 156, RK 170 H, RK 1040).



Heating

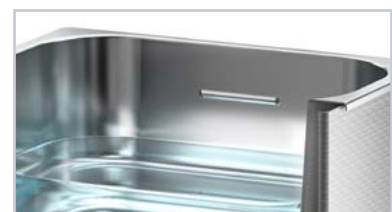
Depending on the model, with integrated heating. Adjustable temperature ranges:

- RK: 30–80 °C, excluding RK 31 H: 65 °C fix
- DT/DL: 20–80 °C



Dry-running protection of heating

- Automatic switch-off in case of overtemperature, by a too low fill level, for example.



SONOREX – Control

Ultrasonic baths in three versions

SONOREX SUPER RK

Classic turning knob control

Sizes of baths:

0.9–90.0 l



Ultrasonic baths with turning knobs including user-friendly crossbar, where time and/or temperature can be selected.

Product features



Time setting: 1–15 min
and continuous operation



Adjustable temperature range:
H-Version 30–80 °C, adjustable in
5 K steps, with control lamps
RK 31 H: 65 °C fix adjusted



Easy and intuitive operation



Ultrasound



Pulse function:
steady - increases the wave frequency
and thus amplifies the ultrasound effect



Sweep – Automatic frequency control
for a homogeneous ultrasound field



SONOREX SUPER RK 510 H

SONOREX DIGITEC DT

Foil front panel, with fast degassing

Sizes of baths:

0.9–90.0 l



Ultrasonic baths with digital controls where temperature and/or time can be set and fast degassing can be activated.

Four unit sizes are available with infrared interface: Type DT ... H-RC. Comfortable operation and process documentation.

Product features



Time setting: 1, 2, 3, 4, 5, 10, 15, 30 min and continuous operation, Display of preset time and remaining time by LED lamps



Adjustable temperature range: H-Version 20–80 °C, adjustable in 5 K steps, Display of set/actual temperature by LED lamps



Warning signal when the set temperature is exceeded, warning LED



Easy and intuitive operation



Foil front panel, especially hygienic



Automatic safety shutdown after 12 h



Data memory for 1 programm



DEGAS function, fast degassing



Ultrasound



Pulse function: steady - increases the wave frequency and thus amplifies the ultrasound effect



Sweep – Automatic frequency control for a homogeneous ultrasound field



SONOREX DIGITEC DT 510 H

SONOREX DIGIPLUS DL

Foil front panel, with fast degassing and power setting

Sizes of baths:

3.0–28.0 l



In addition to the parameters that can be selected on the SONOREX DIGITEC, the ultrasonic power can be adjusted in 10% steps. This is the case, for example, for gentle treatment of particularly sensitive surfaces, glass surfaces, coatings or unstructured silicon substrates (wafers).

Product features



Time setting: 1, 2, 3, 4, 5, 10, 15, 30 min and continuous operation, Display of preset time and remaining time by LED lamps



Adjustable temperature range: H-Version 20–80 °C, adjustable in 5 K steps, Display of set/actual temperature by LED lamps



Warning signal when the set temperature is exceeded, warning LED



Easy and intuitive operation



Foil front panel, especially hygienic



Automatic safety shutdown after 12 h



Data memory for 1 programm



Power setting 20–100 % in 10 % steps, Display of the setting value by LED lamps



DEGAS function, fast degassing



Ultrasound



Pulse function: steady - increases the wave frequency and thus amplifies the ultrasound effect



Sweep – Automatic frequency control for a homogeneous ultrasound field



SONOREX DIGIPLUS DL 510 H

The variants – in comparison



	SUPER RK ...	DIGITEC DT ...	DIGIPLUS DL ...
Capacity [l]	0.9–90.0	0.9–90.0	3.0–28.0
Time setting [min]	1–15, ± 5 % continuous operation (∞)	1, 2, 3, 4, 5, 10, 15, 30, ± 5 % continuous operation (∞)	1, 2, 3, 4, 5, 10, 15, 30, ± 5 % continuous operation (∞)
Automatic safety shutdown	–	after 12 h	after 12 h
Heating	optional, H-version	optional, H-version	✓
Adjustable temperature range [°C]	30–80 RK 31 H: 65 fix	20–80	20–80
Excess temperature signal	–	✓	✓
Protection against boiling retardation	–	✓	✓
Setting accuracy of bath temperature	in 5 K steps	in 5 K steps	in 5 K steps
Thickness tank [mm], material C-version	0.8/1.4301 2.0/1.4404	0.8/1.4301 2.0/1.4404	0.8/1.4301 –
Filling mark for safe dosage	✓	✓	✓
Hard chromium-plated	RK 102 H	DT 102 H/H-RC	DL 102 H
One-piece drain, welded	✓, from RK 102 H	✓, from DT 102 H	✓
Degree of protection	IP 32	IP 33	IP 33
Ultrasonic frequency [kHz]	35	35	35
SweepTec	✓	✓	✓
Pulse function	✓	✓	✓
Power setting	–	–	20–100 % in 10 % steps
Oscillating systems	✓	✓	✓
Fast degassingDEGAS	–	✓	✓
Mains supply: 230 V~ (±10 %) 50/60 Hz 115 V~ (±10 %) 50/60 Hz	✓ optional	✓ optional	✓ optional
Data memory	–	1	1
Interface/PC Software	–	RS 232, USB at type H-RC: WINSONIC® Software/✓	–
Medical device class I	✓	✓	–

SONOREX SUPER

Ultrasonic baths with easy-to-operate turning knobs



Type	Internal tank dimensions l x w x d [mm]	Capacity [l]	Code No.	External dimensions l x w x h [mm]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Outlet ball valve
RK 31			329		160	40	–	–
RK 31 H	190 × 85 × 60	0.9	7523	205 × 100 × 180	160	40	70	–
RK 52			311		240	60	–	–
RK 52 H	150 × 140 × 100	1.8	164	175 × 165 × 225	240	60	140	–
RK 100			301		320	80	–	–
RK 100 H			312		320	80	140	–
RK 102 H	240 × 140 × 100	3.0	303	260 × 160 × 250	480	120	140	G ½
RK 103 H	240 × 140 × 150	4.0	326	260 × 160 × 310	560	140	200	G ½
RK 106	Ø 240 × 130	5.6	306	Ø 265 × 270	480	120	–	G ½
RK 156	500 × 140 × 100	6.0	305	530 × 165 × 245	640	160	–	G ½
RK 156 BH	500 × 140 × 150	9.0	646	530 × 165 × 300	860	215	600	G ½
RK 170 H	1000 × 200 × 200	39.0	7506	1050 × 250 × 385	1520	380	1600	G ½
RK 255			3066		640	160	–	G ½
RK 255 H	300 × 150 × 150	5.5	316	325 × 175 × 295	640	160	280	G ½
RK 510			327		640	160	–	G ½
RK 510 H	300 × 240 × 150	9.7	321	325 × 265 × 300	640	160	400	G ½
RK 512 H	300 × 240 × 200	13.0	795	325 × 265 × 350	860	215	400	G ½
RK 514			277		860	215	–	G ½
RK 514 H	325 × 300 × 150	13.5	207	355 × 325 × 305	860	215	600	G ½
RK 514 BH	325 × 300 × 200	18.7	263	355 × 325 × 385	860	215	600	G ½
RK 1028			322		1200	300	–	G ½
RK 1028 H	500 × 300 × 200	28.0	324	535 × 325 × 400	1200	300	1300	G ½
RK 1028 C	500 × 300 × 300	45.0	661	540 × 340 × 500	2000	500	–	G ½
RK 1028 CH	500 × 300 × 300	45.0	143	540 × 340 × 500	1200	300	1450	G ½
RK 1040	Ø 500 × 195	39.5	319	Ø 540 × 500	1520	380	–	G ½
RK 1050	600 × 500 × 200	58.0	323	640 × 540 × 425	2400	600	–	G ½
RK 1050 CH	600 × 500 × 300	90.0	184	640 × 540 × 530	2400	600	1950	G ½

*corresponds to 4 times ultrasonic nominal power

SONOREX DIGITEC

Ultrasonic baths
with fast degassing



Type	Internal tank dimensions l x w x d [mm]	Capacity [l]	Code No.	External dimensions l x w x h [mm]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Outlet ball valve
DT 31	190 × 85 × 60	0.9	3200	205 × 100 × 180	160	40	–	–
DT 31 H			3220		160	40	70	–
DT 52	150 × 140 × 100	1.8	3205	175 × 165 × 230	240	60	–	–
DT 52 H			3225		240	60	140	–
DT 100	240 × 140 × 100	3.0	3210	260 × 160 × 250	320	80	–	–
DT 100 H			3230		320	80	140	–
DT 102 H			3235		480	120	140	G ¼
DT 103 H	240 × 140 × 150	4.0	3201	260 × 160 × 310	560	140	200	G ¼
DT 106	Ø 240 × 130	5.6	3270	Ø 265 × 270	480	120	–	G ¼
DT 156	500 × 140 × 100	6.0	3275	530 × 165 × 245	640	160	–	G ¼
DT 156 BH	500 × 140 × 150	9.0	3221	530 × 165 × 300	860	215	600	G ¼
DT 255	300 × 150 × 150	5.5	3215	325 × 175 × 295	640	160	–	G ¼
DT 255 H			3240		640	160	280	G ¼
DT 510	300 × 240 × 150	9.7	3245	325 × 265 × 300	640	160	–	G ½
DT 510 H			3206		640	160	400	G ½
DT 512 H	300 × 240 × 200	13.0	3226	325 × 265 × 350	860	215	400	G ½
DT 514	325 × 300 × 150	13.5	3250	355 × 325 × 305	860	215	–	G ½
DT 514 H			3211		860	215	600	G ½
DT 514 BH	325 × 300 × 200	18.7	3216	355 × 325 × 385	860	215	600	G ½
DT 1028	500 × 300 × 200	28.0	3255	535 × 325 × 400	1200	300	–	G ½
DT 1028 H			3231		1200	300	1300	G ½
DT 1028 CH	500 × 300 × 300	45.0	3266	540 × 340 × 500	1200	300	1450	G ½
DT 1050 CH	600 × 500 × 300	90.0	3271	640 × 540 × 530	2400	600	1950	G ½

*corresponds to 4 times ultrasonic nominal power

DT ... RC baths with infrared interface for process documentation**

Type	Internal tank dimensions l × w × d [mm]	Capacity [l]	Code No.	External dimensions l × w × h [mm]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Outlet ball valve
DT 102 H-RC	240 × 140 × 100	3.0	3071	260 × 160 × 250	480	120	140	G ¼
DT 255 H-RC	300 × 150 × 150	5.5	3081	325 × 175 × 295	640	160	280	G ¼
DT 510 H-RC	300 × 240 × 150	9.7	3091	325 × 265 × 300	640	160	400	G ½
DT 514 BH-RC	325 × 300 × 200	18.7	3095	355 × 325 × 385	860	215	600	G ½

*corresponds to 4 times ultrasonic nominal power ** WINSONIC DT remote control for MICROSOFT® WINDOWS® required



WINSONIC® DT remote control, consisting of:

Infrared adapter IR 1 and software CD

Code No. 3090

The programme is designed for the operating system MICROSOFT WINDOWS 10, in connection with infrared adapter IR 1 it enables convenient operation and monitoring of the DIGITEC DT ... RC ultrasonic baths with RS-232-data interface or USB connection.

Interface for automation of laboratories

The RS-232 data interface to the laboratory computer allows individual control and monitoring tasks and integration into an automated laboratory line.

SONOREX DIGIPLUS

Ultrasonic baths with fast degassing and power settings



Type	Internal tank dimensions l × w × d [mm]	Capacity [l]	Code No.	External dimensions l × w × h [mm]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Outlet ball valve
DL 102 H	240 × 140 × 100	3.0	7180	260 × 160 × 250	480	120	140	G ¼
DL 156 BH	500 × 140 × 150	9.0	7181	530 × 165 × 300	860	215	600	G ¼
DL 255 H	300 × 150 × 150	5.5	7182	325 × 175 × 295	640	160	280	G ¼
DL 510 H	300 × 240 × 150	9.7	7183	325 × 265 × 300	640	160	400	G ½
DL 512 H	300 × 240 × 200	13.0	7184	325 × 265 × 350	860	215	400	G ½
DL 514 BH	325 × 300 × 200	18.7	7185	355 × 325 × 385	860	215	600	G ½
DL 1028 H	500 × 300 × 200	28.0	7186	535 × 325 × 400	1200	300	1300	G ½

*corresponds to 4 times ultrasonic nominal power



Application-specific accessories

The important message is set at the beginning: Vessels or objects to be cleaned may not be placed on the tank bottom as this can damage the bottom of the tank, the vessels, or the objects to be cleaned. A distance of approx. 1–2 cm should be present below the object to be sonicated to allow for formation of the ultrasonic waves.

Furthermore, direct friction of the vessels/objects against the bottom of the tank would accelerate cavitation erosion and thus also wear.

Selecting the right accessories makes ultrasound use easier and protects the oscillating tank and laboratory equipment.

The following explains which accessories are logically used for which purpose.

Feel free to contact us at any time for advice on which accessories are recommended for your application or special use.



An overview of the accessories for the respective ultrasonic bath and their combination options can be found on pages 46–49.

Insert basket K

The insert basket is generally the first choice for placement of the goods to be treated.

There is a classic stainless steel basket for optimum ultrasound transmittance, as well as variants made of plastic for sensitive surfaces or especially small or large parts. Some of the basket brackets are fitted with heat-shrinkable sleeves. This protects against damage caused by friction at the tank edge and ensures noise



K 14

damping during operation.

When selecting the device, the dimensions of the insert basket must be observed.

Insert basket PK 2 C

Use when cleaning parts with sensitive surfaces. Material: polyethylene, the bottom is perforated.

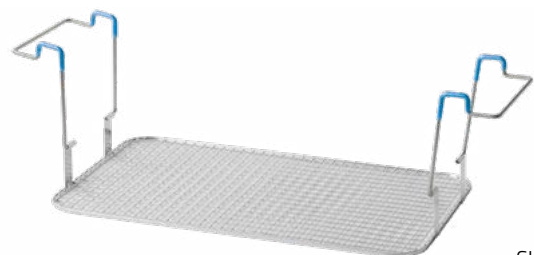


PK 2 C

The basket brackets are fitted with heat-shrinkable sleeves to protect the tank edge.

Utensil holder GH

The stainless steel utensil holder is especially designed to hold larger laboratory flasks or individual parts. Some of the basket brackets are fitted with heat-shrinkable sleeves (made of irradiation cross-linked polyolefin). This protects against damage to the tank edge and ensures noise damping during operation.



GH 28

Lid D

All D lids are made of stainless steel. Condensation water is discharged in the oscillating tank. The slots on the sides are used to feed the basket brackets through during operation. Compared to plastic lids, stainless steel lids do not become brittle or bend when exposed



D 514

to greater heat. The smooth surface is easy to clean. It serves as protection against external contamination.

Accessories for indirect sonication

Certain media, such as acids or solutions of halogenated salts (e.g. NaCl table salt, fluorides) cannot be used directly in the oscillating tank. These are "corrosives" whose effectiveness is further enhanced by ultrasound. This would result in increased pitting on the

tank bottom. When distilled/deionised water is used without additives, accelerated erosion occurs on the tank bottom – ions as cavitation germs are missing. Plastic tanks and inset beakers enable the indirect use of these media in the ultrasonic bath.

Insert tub KW

With lid.

KW 3/5 made of polyethylene, other KW made of polypropylene, temperature resistant in water up to 80 °C, in acids up to 60 °C. KW 14 lid made of polycarbonate.



KW 3

Positioning lid DE and beaker holder ES 4

The DE positioning lid and the ES 4 beaker holder, made of stainless steel, are used to hold inset beakers and enable optimal use of the ultrasound energy.



DE 100

ES 4

Inset beakers EB / KB / PD / SD

The inset beakers are used for indirect cleaning of small parts and fit into the DE positioning lids and the ES 4 beaker holders. The immersion depth can be varied using the rubber ring. The cleaning in cups facilitates a quick change of the cleaning liquid.

From unit size RK 100 can be cleaned simultaneously in two or more beakers filled with different cleaning solutions.



EB 05

PD 06

SD 06

Inset baskets KD 0 / PD 04

The inset basket is placed in the inset beaker and is thus optimally centred. Small parts to be cleaned can be easily placed in or removed from the inset beaker.

KD 0

Stainless steel, interior diameter 75 mm, sieve cloth, mesh size 1 × 1 mm



KD 0

PD 04

Polyethylene, interior diameter 60 mm, sieve cloth bottom, mesh size 1 × 1 mm



PD 04

Accessories for the process technology

Holders for laboratory vessels

Samples should be homogenised, extracted or degassed quickly and reliably in an ultrasonic bath for subsequent analysis in laboratory vessels of various sizes and shapes. Securely fixing the laboratory flasks in the

insert basket is often a problem here. The laboratory flasks should not tip over, be flooded, or be moved by the ultrasound and collide with one another.

Spring clamp EK

Spring clamps are fastened in the insert basket or utensil holder, with a mesh size of up to 12.5 x 12.5 mm, and securely affix the laboratory flasks. This prevents the laboratory flasks from floating or tipping over. They specify the size of the laboratory vessels to be affixed from 10–250 ml.



Spring clamp EK



EK 10	for 10-ml-flasks up to max. Ø 31 mm, min. Ø 23 mm
EK 25	for 25-ml-flasks up to max. Ø 42 mm, mind. Ø 30 mm
EK 50	for 50-ml-flasks up to max. Ø 52 mm, mind. Ø 35 mm
EK 100	for 100-ml-flasks up to max. Ø 65 mm, mind. Ø 40 mm
EK 250	for 250-ml-flasks up to max. Ø 85 mm, mind. Ø 55 mm



ZF, mounted in the insert basket



Holder for laboratory flasks ZF

Tension springs ZF offer a simple solution. They can be quickly and easily attached using small hooks to any position on the edge of the insert basket, as lengthwise or crosswise dividers. The user can thus define the compartment size individually, depending on the flask shape and size. This guarantees that the flasks will be stable. The size of each division can be easily adjusted in seconds. A suitable coupling to the contact liquid, and thus an ultrasonic transmission without losses into the sample to be sonicated, are ensured.

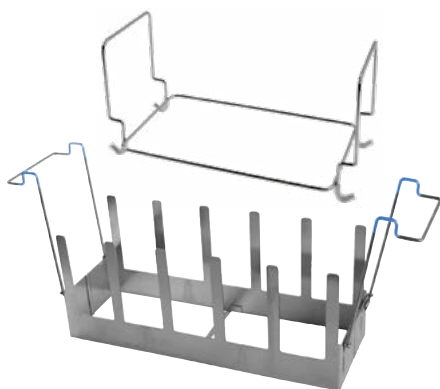
Handle adjustment GV

In order to continue guaranteeing the two-thirds fill level in deeper ultrasonic baths and to avoid flooding of the laboratory flasks, an adjustment of the handle is recommended. This allows for an infinitely variable adjustment of the insertion depth of the insert basket with laboratory flasks included.

A suitable coupling to the contact liquid, and thus an ultrasonic transmission without losses into the sample to be sonicated, are ensured.



Handle adjustment GV



SH 7 and SH 28 C sieve holders

Sieve holder SH

The SH sieve holders are used to hold analysis sieves of up to a diameter of 215 mm.

SH 7: Accommodation of a sieve; for RK/DT 106

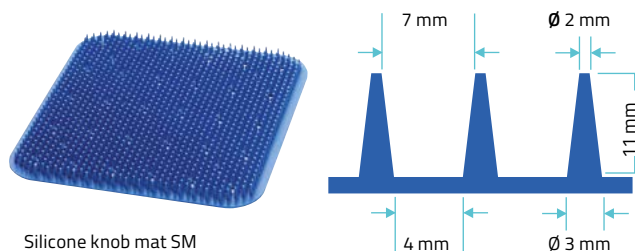
SH 28 C: Holds up to five sieves;
for RK 1028 C/CH/DT 1028 CH
The sieves are set vertically in the bath.

Test tube holder RG 2.2

The stainless steel test tube holder is intended for the simultaneous sonication of six test tubes/centrifuge tubes with $\varnothing = 30$ mm and six test tubes/centrifuge tubes with $\varnothing = 17$ mm.



Test tube holder RG 2.2



Silicone knob mat SM

Silicone knob mat SM

Easy to attach using the supplied plastic press studs on the bottom of the insert basket. Delicate objects to be cleaned can thus be safely placed and gently cleaned.

Configuration examples

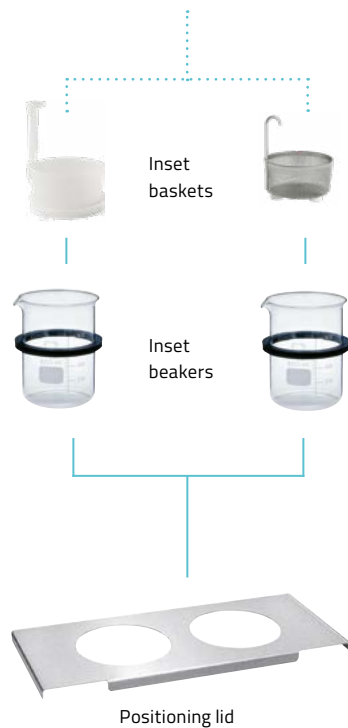
One ultrasonic bath, direct and indirect sonication in one work step

In larger ultrasonic baths, direct sonication and indirect sonication can be performed simultaneously. This makes possible the use of different cleaning agents.

An insert basket K is used for cleaning of larger parts and a DE positioning lid with inset beakers is used for simultaneous cleaning of small parts.

Indirect sonication

of small parts in inset beakers,
even when using solvents or acids



Direct sonication

of parts in the insert basket in
the oscillating tank

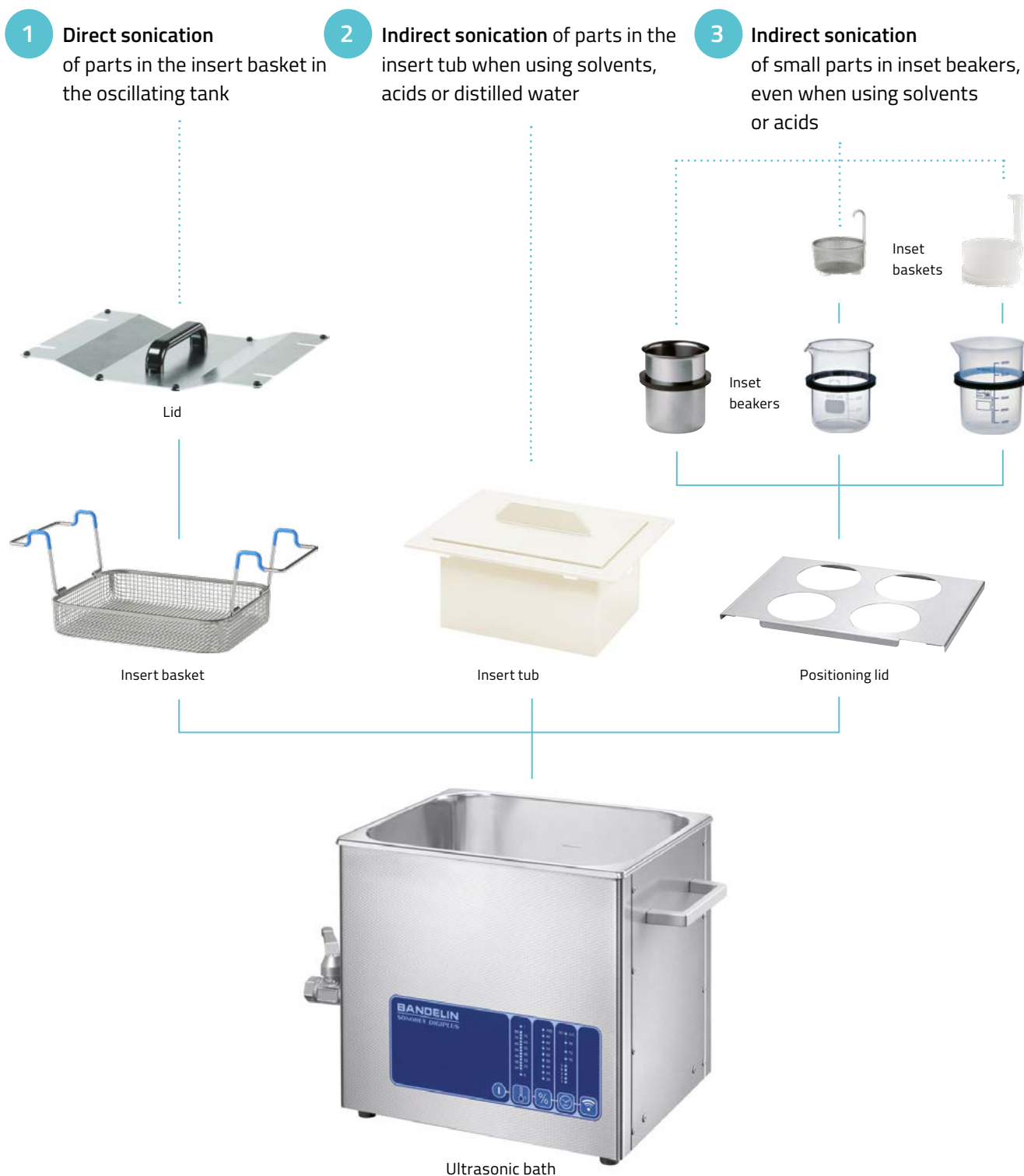


Ultrasonic bath

One ultrasonic bath, three configuration options

Different applications can be carried out in an ultrasonic bath by using different accessories.

Depending on the application, an insert basket, a plastic tray, or a positioning lid with inset beakers can be used.



SONOREX Accessories



Ultrasonic bath	Lid (Code No.)	Insert basket stainless steel l x w x h [mm] (Code No.)	Insert basket plastic l x w x h [mm] (Code No.)	Utensil holder Bottom dimensions l x w [mm] (Code No.)	Insert tub (Code No.)	Positioning lid Beaker holder (Code No.)
RK 31/H DT 31/H	D 08 (218)	K 08 170 x 65 x 50 (209)	—	—	—	DE 08 2 holes (278)
RK 52/H DT 52/H	D 52 (3002)	K 1 C 120 x 110 x 40 (3024)	—	GH 1 129 x 117 (129)	—	DE 52 1 hole (3016)
RK 100/H DT 100/H	D 100 (3003)	K 3 C 200 x 110 x 40 (3025)	PK 2 C 187 x 90 x 56 (3082)	GH 1 129 x 117 (129)	KW 3 195 x 115 x 88 (715)	DE 100 2 holes (3017)
RK 102 H DT 102 H /H-RC DL 102 H	D 100 (3003)	K 3 C 200 x 110 x 40 (3025)	PK 2 C 187 x 90 x 56 (3082)	GH 1 129 x 117 (129)	KW 3 195 x 115 x 88 (715)	DE 100 2 holes (3017)
RK 103 H DT 103 H	D 100 (3003)	K 3 CL 200 x 110 x 40 (3026)	—	GH 1 129 x 117 (129)	KW 3 195 x 115 x 88 (715)	DE 100 2 holes (3017)
RK 106 DT 106	D 6 (346)	K 6 Ø 215 x 50 (356)	—	—	—	DE 6 2 holes (336)
RK 156 DT 156	D 156 (3004)	K 6 L 460 x 100 x 50 (202)	—	3 x GH 1 129 x 117 (129)	—	DE 156 4 holes (3040)
RK 156 BH DT 156 BH DL 156 BH	D 156 (3004)	K 6 BL 460 x 100 x 50 (629)	—	—	—	DE 156 4holes (3040)
RK 170 H	D 170 (3006)	K 7 950 x 150 x 50 (577)	—	—	—	—
RK/DT 255/H DT 255 H-RC DL 255 H	D 255 (3007)	K 5 C 260 x 110 x 40 (3027)	—	—	KW 5 254 x 96 x 130 (240)	DE 255 2 holes (3028)
RK/DT 510/H DT 510 H-RC DL 510 H	D 510 (3008)	K 10 250 x 195 x 50 (359) or 1 x K 5 C 260 x 110 x 40 (3027) or 2 x K 3 CL 200 x 110 x 40 (3026)	—	GH 10 260 x 200 (292)	KW 10-0 242 x 182 x 136 (3053) or 1x KW 5 254 x 96 x 130 (240) or 1x KW 3 195 x 115 x 88 (715)	DE 510 4 holes (3038) or 1 x DE 100 2 holes (3017) or 1 x DE 255 2 holes (3028)

In this overview you will find the matching accessories for our units (continued on the next pages).



	Inset beaker (Code No.)	Inset basket (Code No.)	Handle adjustment (Code No.)	Spring clamps (Code No.)	Holder for laboratory flasks (Code No.)	Sieve holder (Code No.)	Test tube holder (Code No.)
	SD 04 (168) SD 05 (575) KB 04 (3000)	PD 04 (126)	–	1 × EK 10 (7521) or 1 × EK 25 (7519) or 1 × EK 50 (7518) or 1 × EK 100 (7516)	–	–	
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 3 (7509) nicht passend zu GH 1	1 × EK 10 (7521) or 1 × EK 25 (7519) or 1 × EK 50 (7518) or 1 × EK 100 (7516) or 1 × EK 250 (3259)	–	–	RG 2.2 (279)
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 3 (7509) nicht passend zu GH 1	8 × EK 10 (7521) or 5 × EK 25 (7519) or 4 × EK 50 (7518) or 2 × EK 100 (7516) or 2 × EK 250 (3259)	–	–	RG 2.2 (279)
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 3 (7509) nicht passend zu GH 1	8 × EK 10 (7521) or 5 × EK 25 (7519) or 4 × EK 50 (7518) or 2 × EK 100 (7516) or 2 × EK 250 (3259)	–	–	RG 2.2 (279)
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 3 (7509) nicht passend zu GH 1	8 × EK 10 (7521) or 5 × EK 25 (7519) or 4 × EK 50 (7518) or 2 × EK 100 (7516) or 2 × EK 250 (3259)	–	–	RG 2.2 (279)
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	–	–	–	SH 7 (314)	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	–	–	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 3 (7509)	–	–	–	–
	–	–	–	–	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	–	10 × EK 10 (7521) or 7 × EK 25 (7519) or 5 × EK 50 (7518) or 3 × EK 100 (7516) or 3 × EK 250 (3259)	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	15 × EK 10 (7521) or 11 × EK 25 (7519) or 8 × EK 50 (7518) or 5 × EK 100 (7516) or 6 × EK 250 (3259)	ZF 10 (3524)	–	–

SONOREX Zubehör



Ultrasonic bath	Lid (Code No.)	Insert basket stainless steel l x w x h [mm] (Code No.)	Insert basket plastic l x w x h [mm] (Code No.)	Utensil holder Bottom dimensions l x w [mm] (Code No.)	Insert tub (Code No.)	Positioning lid Beaker holder (Code No.)
DT 510 F	D 510 (3008)	K 10 F 250 x 195 x 35 (35902)	–	–	–	–
RK 512 H DT 512 H DL 512 H	D 510 (3008)	K 10 B 250 x 195 x 50 (230)	–	–	–	DE 510 4 holes (3038)
RK 514/H DT 514/H	D 514 (3010)	K 14 275 x 245 x 50 (354) or 2 x K 5 C 260 x 110 x 40 (3027)	–	GH 14 280 x 250 (291)	KW 14 280 x 215 x 145 (613) or 1 x KW 5 254 x 96 x 130 (240)	DE 514 4 holes (3039) or 1 x DE 255 2 holes (3028)
RK/DT 514 BH DT 514 BH-RC DL 514 BH	D 514 (3010)	K 14 B 275 x 245 x 50 (205)	–	–	KW 14 B 275 x 210 x 195 (648)	DE 514 4 holes (3039)
RK 1028/H DT 1028/H DL 1028 H	D 1028 (3011)	K 28 455 x 245 x 50 (358) or x 2 K 10 B 250 x 195 x 50 (230)	–	GH 28 455 x 250 (290)	KW 28-0 437 x 230 x 155 (717) or 2x KW 10-0 242 x 182 x 136 (3053)	2 x ES 4 4 holes (382)
RK 1028 C RK 1028 CH DT 1028 CH	D 1028 C (3012)	K 28 C 455 x 245 x 50 (181)	–	–	KW 28-0 437 x 230 x 155 (717)	2 x ES 4 4 holes (382)
DT 1028 F	–	2 x K 10 F 250 x 195 x 35 (35902)	–	–	–	–
RK 1040	D 40 (603)	K 40 Ø 480 x 50 (123)	–	GH 28 455 x 250 (290)	–	–
RK 1050	D 1050 C (3013)	K 50 545 x 450 x 50 (357) or 2 x K 28 455 x 245 x 50 (189)	–	–	KW 50 B-0 520 x 445 x 284 (568)	4 x ES 4 4 holes (382)
RK 1050 CH DT 1050 CH	D 1050 C (3013)	K 50 C 545 x 450 x 50 (138) or 2 x K 28 C 455 x 245 x 50 (194)	–	–	KW 50 B-0 520 x 445 x 284 (568) or x 1 KW 28-0 437 x 230 x 155 (717)	4 x ES 4 4 holes (382)

In this overview you will find the matching accessories for our units (continued from the previous pages).



	Inset beaker	Inset basket	Handle adjustment	Spring clamps	Holder for laboratory flasks	Sieve holder	Test tube holder
	(Code No.)	(Code No.)	(Code No.)	(Code No.)	(Code No.)	(Code No.)	(Code No.)
	–	–	–	15 × EK 10 (7521) or 11 × EK 25 (7519) or 8 × EK 50 (7518) or 5 × EK 100 (7516) or 6 × EK 250 (3259)	ZF 10 (3524)	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	15 × EK 10 (7521) or 11 × EK 25 (7519) or 8 × EK 50 (7518) or 5 × EK 100 (7516) or 6 × EK 250 (3259)	ZF 10 (3524)	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	20 × EK 10 (7521) or 15 × EK 25 (7519) or 10 × EK 50 (7518) or 8 × EK 100 (7516) or 8 × EK 250 (3259)	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	20 × EK 10 (7521) or 15 × EK 25 (7519) or 10 × EK 50 (7518) or 8 × EK 100 (7516) or 8 × EK 250 (3259)	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	32 × EK 10 (7521) or 28 × EK 25 (7519) or 18 × EK 50 (7518) or 13 × EK 100 (7516) or 14 × EK 250 (3259)	ZF 28 (3525)	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	GV 10 (7512)	32 × EK 10 (7521) or 28 × EK 25 (7519) or 18 × EK 50 (7518) or 13 × EK 100 (7516) or 14 × EK 250 (3259)	ZF 28 (3525)	SH 28 (307)	–
	–	–	–	32 × EK 10 (7521) or 28 × EK 25 (7519) or 18 × EK 50 (7518) or 13 × EK 100 (7516) or 14 × EK 250 (3259)	2 × ZF 10 (3524)	–	–
	–	–	–	–	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	–	–	–	–	–
	EB 05 (340) SD 06 (330) PD 06 (299) SD 09 (579)	KD 0 (370) PD 04 (126)	–	–	–	–	–